



PATENT
514413-3900

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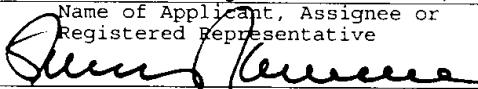
Applicants : Schewe et al
U.S. Serial No. : 10/038,224
Filing Date : October 19, 2001
For : MONOCOTYLEDON PLANT CELLS AND PLANTS WHICH
SYNTHESISE MODIFIED STARCH
Group Art Unit : -8623 1638 F2-X
Confirmation No. : 8831

745 Fifth Avenue
New York, New York 10151

I hereby certify that this correspondence is being
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William F. Lawrence, Registration No. 28,029
Name of Applicant, Assignee or
Registered Representative


Signature

April 25, 2002

Date of Signature

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed are copies of publications the subject matters
of which are mentioned in the specification for the Examiner's
review:

1. W.R. Morrison, "Starch Lipids and How They Relate to Starch Granule Structure and Functionality", Osborne Medal

Lecture, Cereal Foods World, pp. 437-;

2. Jane et al, "Phosphorus in Rice and Other Starches", Cereal Foods World, November-December 1996, Vol. 41, No. 11, pp. 827-832;

3. Lim et al, "Characterization of Phosphorus in Starch by ^{31}P -Nuclear Magnetic Resonance Spectroscopy", Cereal Chemistry, Vol. 71, No. 5, 1994, pp. 489-493;

4. WO 97/11188 published March 27, 1997;

5. Lorberth et al, "Inhibition of a Starch-granule-bound protein leads to modified starch and repression of cold sweetening", Nature Biotechnology, Vol. 16, May 1998, pp. 473-477, also referred to as XP 002111459;

6. Ritte et al, "Reversible binding on the starch-related R1 protein to the surface of transitory starch granules", The Plant Journal, 2000 21(4), pp. 387-391;

7. Jansen et al, "Analysis of cDNA clones encoding the entire precursor-polypeptide for ferredoxin: NADP $^+$ oxidoreductase from spinach", Current Genetics, 1988, 13: pp. 517-522;

8. Klösgen et al, "The amyloplast-targeting transit peptide of the waxy protein of maize also mediates protein transport in vitro into chloroplasts", Mol. Gen Getics 1989, 217, pp. 155-161;

9. Nielsen et al, "Starch Phosphorylation in Potato Tubers Proceeds Concurrently with de Novo Biosynthesis of Starch", Plant Physiol. 1994, 105: pp. 111-117;

10. Jane et al, "Internal Structure of the potato starch granule revealed by chemical gelatinization", Carbohydrate Research, 247, 1993, pp. 279-290;

11. Gough et al, "Effect of Metal Cations on the Swelling and Gelatinization Behaviour of Large Wheat Starch Granules", pp. 123-130;

12. Leisy et al, "Expression of a Rice Glutelin promotor in transgenic tobacco", Plant Molecular Biology, 14, 1989, pp. 41-50;

13. Zheng et al, "5'distal and proximal *cis*-acting regulator elements are required for developmental control of a rice seed storage protein *glutelin* gene", The Plant Journal, 1993 4(2), pp. 357-366;

14. Yoshihara et al, "A45-bp proximal region containing AACAA and GCN4 motif is sufficient to confer endosperm-specific expression of the rice storage protein glutelin gene, *GluA-3*", FEBS Letters 383, 1996, pp. 213-218;

15. Werr et al, "Struture of the sucrose synthase gene on chromosome 9 of *Zea mays* L.", The EMBO Journal vol. 4, 1985, pp. 1373-1380;

16. Anderson et al, "Conservation in wheat high-molecular-weight glutenin gene promotor sequences: comparisons among loci and among alleles of the GLU-B1 locus", *Theor. Appln. Genet.*, (1998), 96, pp. 568-576;

17. Thomas et al, "Identification of an Enhancer Element for the Endosperm-Specific Expression of High Molecular Weight Glutenin", *The Plant Cell*, Vol. 2, pp. 1171-1180, December 1990;

18. Sengupta-Gopalan et al, "Developmentally regulated expression of the bean β -phaseolin gene in tobacco seed", *Proc. Natl. Acad. Sci. USA*, Vol. 82, pp. 3320-3324, May 1985;

19. Bustos et al, "Regulation of β -Glucuronidase Expression in Transgenic Tobacco Plants by an A/T-Rich, *cis*-Acting Sequence Found Upstream of a French Bean B-Phaseolin Gene", *The Plant Cell*, Vol. 1, pp. 839-853, September 1989;

20. Pedersen et al, "Cloning and Sequence Analysis Reveal Structural Variation among Related Zein Genes in Maize", *Cell*, Vol. 29, pp. 1015-1026, July 1982;

21. Quattrocchio et al, "The maize zein gene zE19 contains two distinct promotors which are independently activated in endosperm and anthers of transgenic *Petunia* plants", *Plant Molecular Biology*, 15, pp. 81-93, 1990.

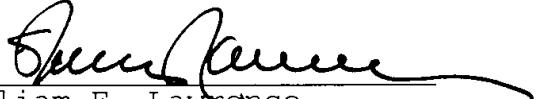
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We have enclosed a copy of PTO-1449 in duplicate which is considered part of the Information Disclosure Statement. This Information Disclosure Statement is being submitted prior to receipt of a first Office Action, so no fee is deemed necessary. However, if a fee is required, the Examiner is hereby authorized to charge our Deposit Account 50-0320.

Applicant respectfully requests that the Examiner consider and make of record the documents cited herein and that a copy of Form PTO-1449 be initialed by the Examiner and returned to the undersigned.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicants


William F. Lawrence
Registration No. 28,029
745 Fifth Avenue
New York, New York 10151
(212) 588-0800